

PTO/SB/21 (04-07)

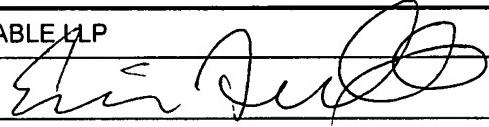
Approved for use through 09/30/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|  |  |                        |                        |
|--|--|------------------------|------------------------|
| <b>TRANSMITTAL<br/>FORM</b><br><br><i>(to be used for all correspondence after initial filing)</i> |  | Application Number     | 10/583,381-Conf. #3135 |
|  |  | Filing Date            | June 19, 2006          |
|  |  | First Named Inventor   | Timo Varpula           |
|  |  | Art Unit               | Not Yet Assigned       |
|  |  | Examiner Name          | Not Yet Assigned       |
| Total Number of Pages in This Submission   |  | Attorney Docket Number | 43289-232639           |

| ENCLOSURES (Check all that apply)  |   |  |  |
|--|---|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input checked="" type="checkbox"/> Reply to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under<br>37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication<br>to TC<br><input type="checkbox"/> Appeal Communication to Board of<br>Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please<br>Identify below):<br><br>Part 2 Copy of Notice<br>Declaration<br>Assignment w/ Recordation<br>coversheet |  |
|  |   | Remarks  |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |          |        |
|--|---|----------|--------|
| Firm Name                                  | VENABLE LLP   |          |        |
| Signature                                  |  |          |        |
| Printed name                               | Eric J. Franklin  |          |        |
| Date                                       | June 18, 2007   | Reg. No. | 37,134 |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Varpula et al.

Art Unit: Not Yet Assigned

Application No: 10/583,381

Examiner: Not Yet Assigned

Confirmation No: 3135

Filed: June 19, 2006

Atty. Docket No: 43289-232639

For: A RADIOFREQUENCY BASED SENSOR  
ARRANGEMENT AND A METHOD

Customer No:  
26694  
PATENT TRADEMARK OFFICE

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

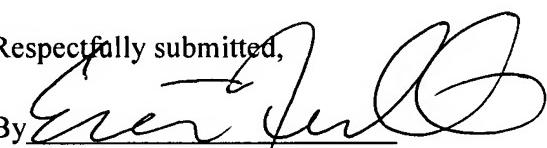
Dear Sir:

In response to the Notification of Missing Requirements – Filing Date Granted mailed April 18, 2007, Applicant respectfully submits a Combined Declaration and Power of Attorney, an Assignment with Recordation coversheet, and Part 2 Copy of Notice.

Please charge our Deposit Account No. 22-0261 in the amount of \$40.00 covering the fee set forth in 37 CFR 1.21(h). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0261, under Order No. 43289-232639.

Dated: June 18, 2007

Respectfully submitted,

By 

Eric J. Franklin

Registration No.: 37,134

VENABLE LLP

P.O. Box 34385

Washington, DC 20043-9998

(202) 344-4000

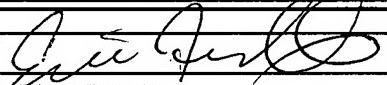
(202) 344-8300 (Fax)

Attorney/Agent For Applicant

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|   |   |                          |                                  |
|---|---|--------------------------|----------------------------------|
| <b>Effective on 12/08/2004.<br/>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b> |   | <b>Complete if Known</b> |                                  |
|   |   | Application Number       | 10/583,381-Conf. #3135           |
|   |   | Filing Date              | June 19, 2006                    |
|   |   | First Named Inventor     | Timo Varpula                     |
|   |   | Examiner Name            | Not Yet Assigned                 |
|   |   | Art Unit                 | Not Yet Assigned                 |
| <input type="checkbox"/>  | Applicant claims small entity status. See 37 CFR 1.27 |                          |                                  |
| <b>TOTAL AMOUNT OF PAYMENT</b>  |   | ( <b>\$</b> ) 40.00      | Attorney Docket No. 43289-232639 |

|   |                                      |                                      |   |   |  |
|---|--------------------------------------|--------------------------------------|---|---|--|
| <b>METHOD OF PAYMENT</b> (check all that apply)   |                                      |                                      |   |   |  |
| <input type="checkbox"/> Check  | <input type="checkbox"/> Credit Card | <input type="checkbox"/> Money Order | <input type="checkbox"/> None   | <input type="checkbox"/> Other (please identify): _____ |  |
| <input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 22-0261 Deposit Account Name: Venable LLP |                                      |                                      |   |   |  |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)                |                                      |                                      |   |   |  |
| <input type="checkbox"/> Charge fee(s) indicated below  |                                      |                                      | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee |   |  |
| <input type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17           |                                      |                                      | <input type="checkbox"/> Credit any overpayments                                  |   |  |

|   |   |                              |                                   |                                      |                         |                              |                       |
|---|---|------------------------------|-----------------------------------|--------------------------------------|-------------------------|------------------------------|-----------------------|
| <b>FEE CALCULATION</b>  |   |                              |                                   |                                      |                         |                              |                       |
| <b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>  |   |                              |                                   |                                      |                         |                              |                       |
| <b>Application Type</b>   | <b>FILING FEES</b>  |                              | <b>SEARCH FEES</b>                |                                      | <b>EXAMINATION FEES</b> |                              |                       |
|   | <b>Fee (\$)</b>   | <b>Small Entity Fee (\$)</b> | <b>Fee (\$)</b>                   | <b>Small Entity Fee (\$)</b>         | <b>Fee (\$)</b>         | <b>Small Entity Fee (\$)</b> | <b>Fees Paid (\$)</b> |
| Utility   | 300   | 150                          | 500                               | 250                                  | 200                     | 100                          | _____                 |
| Design  | 200   | 100                          | 100                               | 50                                   | 130                     | 65                           | _____                 |
| Plant   | 200   | 100                          | 300                               | 150                                  | 160                     | 80                           | _____                 |
| Reissue   | 300   | 150                          | 500                               | 250                                  | 600                     | 300                          | _____                 |
| Provisional   | 200   | 100                          | 0                                 | 0                                    | 0                       | 0                            | _____                 |
| <b>2. EXCESS CLAIM FEES</b>   |   |                              |                                   |                                      |                         |                              |                       |
| <b>Fee Description</b>  |   |                              |                                   |                                      |                         |                              |                       |
| Each claim over 20 (including Reissues) 50 25   |   |                              |                                   |                                      |                         |                              |                       |
| Each independent claim over 3 (including Reissues) 200 100  |   |                              |                                   |                                      |                         |                              |                       |
| Multiple dependent claims 360 180   |   |                              |                                   |                                      |                         |                              |                       |
| <b>Total Claims</b> 21 - 21 = _____ x _____ = _____   |   |                              |                                   | <b>Multiple Dependent Claims</b>     |                         |                              |                       |
| <b>Indep. Claims</b> 3 - 3 = _____ x _____ = _____  |   |                              |                                   | <b>Fee (\$)</b> <b>Fee Paid (\$)</b> |                         |                              |                       |
| HP = highest number of total claims paid for, if greater than 20.   |   |                              |                                   |                                      |                         |                              |                       |
| HP = highest number of independent claims paid for, if greater than 3.  |   |                              |                                   |                                      |                         |                              |                       |
| <b>3. APPLICATION SIZE FEE</b>  |   |                              |                                   |                                      |                         |                              |                       |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |   |                              |                                   |                                      |                         |                              |                       |
| <b>Total Sheets</b> _____ - 100 = _____ /50 = _____ (round up to a whole number) x _____ = _____  |   |                              |                                   |                                      |                         |                              |                       |
| <b>Fee (\$)</b> <b>Fee Paid (\$)</b>  |   |                              |                                   |                                      |                         |                              |                       |
| <b>Fees Paid (\$)</b>   |   |                              |                                   |                                      |                         |                              |                       |
| <b>4. OTHER FEE(S)</b>  |   |                              |                                   |                                      |                         |                              |                       |
| Non-English Specification, \$130 fee (no small entity discount)   |   |                              |                                   |                                      |                         |                              |                       |
| Other (e.g., late filing surcharge): 8021 Recording each patent assignment, agreement or ... 40.00  |   |                              |                                   |                                      |                         |                              |                       |
| <b>SUBMITTED BY</b>   |   |                              |                                   |                                      |                         |                              |                       |
| Signature   |  |                              | Registration No. (Attorney/Agent) | 37,134                               | Telephone               | (202) 344-4936               |                       |
| Name (Print/Type)   | Eric J. Franklin  |                              | Date                              | June 18, 2007                        |                         |                              |                       |

RA: EJF



UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office  
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|   |                       |                               |
|---|-----------------------|-------------------------------|
| U.S. APPLICATION NUMBER NO.   | FIRST NAMED APPLICANT | ATTY. DOCKET NO.              |
| 10/583,381  | Timo Varpula          | 43289-232639                  |
|   |                       | INTERNATIONAL APPLICATION NO. |
|   |                       | PCT/FI04/50188                |
| I.A. FILING DATE  |                       | PRIORITY DATE                 |
| 12/16/2004  |                       | 12/18/2003                    |
| CONFIRMATION NO. 3135   |                       |                               |
| 371 FORMALITIES LETTER  |                       |                               |
| <br>*OC000000023416497* |                       |                               |

Date Mailed: 04/18/2007

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/19/2006
  - Copy of the International Search Report filed on 06/19/2006
  - Preliminary Amendments filed on 06/19/2006
  - Request for Immediate Examination filed on 06/19/2006
  - U.S. Basic National Fees filed on 06/19/2006
  - Priority Documents filed on 06/19/2006

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The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABDOMINATION.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5).

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://spportal.uspto.gov/authenticate/AuthenticateUserLocaleEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/583,381                  | PCT/FI04/50188                | 43289-232639     |

FORM PCT/DO/EO/905 (371 Formalities Notice)